

# **ABSTRACT**

The present invention relates to novel human extracellular matrix polypeptides, designated RG1, polynucleotides encoding the polypeptides, methods for producing the polypeptides, expression vectors and genetically engineered host cells for expression of the polypeptides. The invention further relates to antibodies directed against the polypeptides and to methods for using the polynucleotides, and polypeptides, and antibodies in research, diagnosis, and therapeutic applications.